

Shipwreck *E.B. Allen*. Tane Casserley, NOAA, Thunder Bay National Marine Sanctuary.

THUNDER BAY INTERNATIONAL FILM FESTIVAL

IN PARTNERSHIP WITH

SAN FRANCISCO INTERNATIONAL OCEAN FILM FESTIVAL

GREAT LAKES, GREAT FILMS

THE FRIENDS OF THUNDER BAY NATIONAL MARINE SANCTUARY

PRESENT A UNIQUE FESTIVAL SHOWCASING OCEAN- AND
GREAT LAKES-INSPIRED FILMS FROM AROUND THE WORLD.

ALPENA, MICHIGAN | THUNDERBAY.NOAA.GOV

DIVE IN - JANUARY 27-31, 2016



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THANK YOU TO OUR VOLUNTEERS!



Dear Friends,

Welcome to the 4th annual Thunder Bay International Film Festival. We are excited to bring these world-class films to northeast Michigan. As you know, the Thunder Bay National Marine Sanctuary is part of the national marine sanctuary system, a network of 14 marine protected areas, encompassing more than 170,000 square miles of ocean and Great Lakes waters. These films illustrate how all of us are connected to the ocean.

This festival truly builds upon Thunder Bay's efforts to preserve the Great Lakes and their rich history through research and education. By fostering an understanding of our connections to the Great Lakes and oceans, the sanctuary works to ensure that future generations will continue to experience and value our irreplaceable underwater treasures.

Thank you for your support and enjoy the show!

Sincerely,

Jeff Gray
Sanctuary Superintendent

Thank you to our sanctuary volunteers. This event couldn't happen without you!

**Interested in volunteering?
Please e-mail thunderstruck@thunderbayfriends.org**

Film Festival Schedule



WEDNESDAY

WEDNESDAY, JANUARY 27

6:00 - 9:00 PM

**SANCTUARY SNEAK PEAK AT THUNDER BAY WINERY
DOWNTOWN ALPENA, MI**

Sanctuary Sneak Peek: Watch movie trailers while sipping the latest vintage from northeast Michigan's newest winery and enjoying savories and sweets from Thunder Bay Winery.

A portion of the proceeds from this event benefits the Friends of Thunder Bay National Marine Sanctuary.



THURSDAY

THURSDAY, JANUARY 28

6:00 PM

**SHARK NIGHT AT THUNDER BAY THEATRE
DOWNTOWN ALPENA, MI**

On Thursday, January 28, 2016 take a bite out of "Shark Night" at the Thunder Bay Theater, featuring our oceans' most misunderstood yet essential creatures. For just \$10, enjoy an evening of shark films and lively discussion. After the films, gather in the Antler Room at John A. Lau's for an informal reception.

A portion of the proceeds from this event benefits the Friends of Thunder Bay National Marine Sanctuary and the Thunder Bay Theatre.

6:00 PM – Program 1

Earth Is Blue (3 min)*

After the Storm: A Shark's Tail (11 min)

Sanctuary in the Sea: A Gulf of the Farallones Experience (18 min)

Shark Girl (58 min)



Film Festival Schedule



FRIDAY

FRIDAY, JANUARY 29

6:00 PM

SANCTUARY THEATER, ALPENA, MI

6:00 PM – Opening Reception

7:00 PM – Program 2

Earth Is Blue*

3 min

Deep Look - Pygmy Seahorses:

2 min

Masters of Camouflage

The Odd Couple

5 min

June Gloom

4 min

Cutter Rescues*

30 min

INTERMISSION

Power and Fragility:

4 min

An Astronaut's View of Earth*

Protecting Our Great Lakes*

3 min

The Edmund Fitzgerald:

30 min

A 40-year Legend*



Opening Reception

***Filmmaker is expected for Q & A**

Please be in your seats no less than 10 minutes prior to the start of the program. Films and schedule are subject to change due to circumstances beyond our control. A final schedule will be available at the Festival or www.thunderbayfriends.org.

Film Festival Schedule



SATURDAY

SATURDAY, JANUARY 30
SANCTUARY THEATER, ALPENA, MI

9:00 AM

Program 3

Earth Is Blue*	3 min
Of Whale and Men	7 min
La Nuit Des Géants (The Night of Giants)	6 min
Our Deepest Waters: Exploring Marine National Monuments in the Remote Reaches of the Pacific	20 min
México Pelágico (Pelagic Mexico)	69 min

11:30 AM

Program 4 - Filmmaker's Panel

Join filmmakers for an interactive discussion!

Corey Adkins - Editor & Producer

Malcolm Dixelius - Cinematographer & Producer

Kevin Essebagggers - Editor & Producer

Elizabeth Kaiser - Editor & Producer

Kyle Maddux-Lawrence - Cinematographer & Producer

Ric Mixer - Cinematographer & Producer

David J. Ruck - Documentary Filmmaker, NOAA's Office of National Marine Sanctuaries

Eric Seals - Photojournalist & Videographer

1:00 PM

Program 5

Diving Thunder Bay: Rich History in Shallow Waters*	2 min
The Making of the <i>Miss Margy</i> *	26 min
Graveyard of the Great Lakes: A Shipwreck Hunter's Quest to Discover the Past*	50 min
Guarding the Past for the Future: A Wreck Hunter's Evolution*	8 min

Please be in your seats no less than 10 minutes prior to the start of the program. Films and the schedule are subject to change due to circumstances beyond our control. A final schedule will be available at the Festival or www.thunderbayfriends.org.

Sanctuary Sneak Peek



Sanctuary Sneak Peek: Watch movie trailers while sipping the latest vintage from northeast Michigan's newest winery. Scrumptious sweet treats will be provided by As You Wish.

6:00-9:00 PM, NO COVER CHARGE

THUNDER BAY WINERY
 WEDNESDAY, JANUARY 27
 DOWNTOWN ALPENA, MI



THUNDER BAY
 INTERNATIONAL FILM FESTIVAL

Shark Night

Take a bite out of "Shark Night" at the Thunder Bay Theatre, featuring our oceans' most misunderstood yet essential creatures. Enjoy an evening of shark films, lively discussion, and an informal reception.

6:00 PM, \$10

THUNDER BAY THEATRE
THURSDAY, JANUARY 28
 DOWNTOWN ALPENA, MI

THUNDER BAY
INTERNATIONAL FILM FESTIVAL

Film Festival Schedule



SATURDAY

SATURDAY, JANUARY 30
SANCTUARY THEATER, ALPENA, MI

3:00 PM

Program 6

Earth Is Blue*	3 min
Sea Legend	5 min
The Reef	10 min
Lost Gear	8 min
Mussel Man	17 min
Call of the Lakes*	10 min
Big Brownie: The O'fish'al Story*	35 min

PANEL DISCUSSION WILL FOLLOW FILMS

Learn more about fish, fishing, and fishermen around the world in this film series. Afterwards, a diverse panel of fish biologists, fisheries educators, and filmmakers will engage the audience in a discussion about both fish biology and fisheries heritage in the Great Lakes.

6:00 PM

Program 7

Power and Fragility:	4 min
An Astronaut's View of Earth*	
Sweet Sea Breeze	20 min
Project Shiphunt:	10 min
Discovering the <i>M.F. Merrick</i>	
<i>Mars the Magnificent*</i>	45 min

*Filmmaker is expected for Q & A

Please be in your seats no less than 10 minutes prior to the start of the program. Films and schedule are subject to change due to circumstances beyond our control. A final schedule will be available at the Festival or www.thunderbayfriends.org.

Film Festival Schedule



SUNDAY

SUNDAY, JANUARY 31
SANCTUARY THEATER, ALPENA, MI

9:00 AM

Program 8

Power and Fragility:	4 min
An Astronaut's View of Earth*	
Power of Mavericks	5 min
Tierra de Patagones (Land of Patagones)	76 min
Into the Mind of Greg Long	5 min
Duct Tape Surfing	5 min

11:00 AM

Program 9

MATE ROV Competition*	3 min
Miles from Home	3 min

Student Films

Come check out the short film finalists for this year's Student Film Competition. All films address what **#WATERIS** to 6th-12th graders. Support these students and their passion for film and the environment by attending this FREE event.



ALL-ACCESS
THUNDER
PASS

Are you one of the lucky **THUNDER PASS** holders?
The **THUNDER PASS** is an all-access pass to every reception, panel, and screening during the festival.
Go VIP next year and purchase a **THUNDER PASS**!

If you are a THUNDER PASS holder, please be in your seats no less than 10 minutes prior to the start of the program or your seat may be sold.

Film Festival Schedule



SUNDAY

SUNDAY, JANUARY 31
SANCTUARY THEATER, ALPENA, MI

1:00 PM

Program 10

Power and Fragility:	4 min
An Astronaut's View of Earth*	
Deep Look: The Amazing Life of Sand	2 min
Secret Seychelles: D'Arros	52 min
Coralax	7 min
The Watershed	16 min
The Beauty of Mangrove Forests	2 min
Learning to Float	20 min
A Rare Sea Snail That	4 min
Could Help Fight Cancer	

3:00 PM

Program 11

Power and Fragility:	4 min
An Astronaut's View of Earth*	
Bag It: Is Your Life Too Plastic	45 min
Net Positiva	11 min
Gyre: Creating Art From a Plastic Ocean	23 min
The Big Pick	6 min

PANEL DISCUSSION WILL FOLLOW FILMS

Learn more about how plastic impacts our oceans and Great Lakes in this film series, and see how artists and activists change public perception about plastic through art in the films. Afterwards, students, educators, and community partners will connect the audience to how they locally raise awareness and research this issue while helping keep plastic out of our Great Lakes.

***Filmmaker is expected for Q & A**

Please be in your seats no less than 10 minutes prior to the start of the program. Films and schedule are subject to change due to circumstances beyond our control. A final schedule will be available at the Festival or www.thunderbayfriends.org.

Film Synopses



Official Selection San Francisco International Ocean Film Festival



Filmmaker or project team member will be available for Q & A



Filmed in National Marine Sanctuary waters!



Selected scenes filmed in Michigan!

*We regret the omission of any sponsors due to our print deadline Please note: Films and the schedule are subject to change due to circumstances beyond our control. A final schedule will be available at the Festival or www.thunderbayfriends.org.

6:00 PM Program 1

THURSDAY, JANUARY 28



EARTH IS BLUE: YOUR NATIONAL MARINE SANCTUARY SYSTEM

DAVID J. RUCK*

3 MIN

When astronauts first launched toward the moon and looked back at our planet for the first time, they made an unexpected discovery: Earth Is Blue. Working with communities around the country, NOAA's Office of National Marine Sanctuaries is making a difference for the sake of our blue planet.



AFTER THE STORM: A SHARK'S TAIL

MARCO BIEMANN

11 MIN

Malapascua, a tiny island in the Philippines, is the only place in the world where Thresher sharks can be consistently spotted—and locals depend on the resulting tourism for their livelihoods. In November 2013, typhoon Haiyan ravaged Southeast Asia, and the damaging effects are seen here through the eyes of dive guide Ronel Pepito. Will Malapascua's marine and human life recover?



Film Synopses



Program 1 Continued



SANCTUARY IN THE SEA: A GULF OF THE FARALLONES EXPERIENCE

BOB TALBOT

18 MIN

Journey through the breath-taking scenery of the Gulf of the Farallones National Marine Sanctuary from a very unique perspective: a personal tour through the rich history and diverse biology of this stunning marine environment. Join filmmaker Bob Talbot as he profiles fishermen and underwater videographer Ron Elliott, a man who has spent his entire career working and documenting these special waters.



SHARK GIRL

GISELA KAUFMANN, CARSTEN ORIT

58 MIN

Madison Stewart, a young Australian, grew up diving with sharks on the Great Barrier Reef. When she realized how rapidly the numbers of sharks were dwindling, she dropped out of school at the age of 14 to become a strong and persistent advocate for shark conservation and reef preservation.



Film Synopses



6:00 PM Program 2

FRIDAY, JANUARY 29



EARTH IS BLUE: YOUR NATIONAL MARINE SANCTUARY SYSTEM

DAVID J. RUCK*

3 MIN

When astronauts first launched toward the moon and looked back at our planet for the first time, they made an unexpected discovery: Earth Is Blue. Working with communities around the country, NOAA's Office of National Marine Sanctuaries is making a difference for the sake of our blue planet.



DEEP LOOK - PYGMY SEAHORSES: MASTERS OF CAMOUFLAGE

JOSH CASSIDY

2 MIN

Tiny and delicate, pygmy seahorses survive by attaching to vibrant corals where they become nearly invisible to predators (and researchers). But are they able to change appearance if they move to different corals? California Academy of Sciences biologists find the answer to this longtime mystery.

Film Synopses



Program 2 Continued



THE ODD COUPLE

OMAR BADR

5 MIN

The sociable goby fish and the blind pistol shrimp are inseparable. They live together in a hole in the gravel, where the strong shrimp does the constant lifting while the fish keeps guard—if it isn't distracted.



JUNE GLOOM

ADAM WARMINGTON

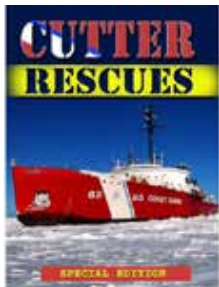
4 MIN

The common Southern California meteorological term "June gloom" refers to foggy, cool, and overcast weather during the transition between spring and summer—the month of June. Layering excerpts from Jack Kerouac's 1960 poem "Sea: Sounds of the Pacific Ocean at Big Sur" with a surfer's perspective, this video poem evokes the character of the California coast.

Film Synopses



Program 2 Continued



CUTTER RESCUES

RIC MIXTER*

30 MIN

Cutter Rescues chronicles the incredible career highlights of four Great Lakes Coast Guard cutters, from the first 'official' icebreaker Escanaba to the brand new GLIB Mackinaw. Host/Producer Ric Mixer shares rare film footage of the Escanaba, Hollyhock, Sundew and Mackinaw and also takes the viewer through three of the four ships. This includes a dive into the Atlantic Ocean to see the final resting place of the Hollyhock. Hear from eyewitnesses to the rescues from the shipwrecks *Henry Cort*, *Cedarville*, *Dorchester*, *Nordmeer*, and *Carl D. Bradley*. Break ice on the most powerful cutters on the lakes and meet the crews that keep the lakes safe today.



POWER AND FRAGILITY:

AN ASTRONAUT'S VIEW OF EARTH

DAVID J. RUCK*

4 MIN

As National Oceanic and Atmospheric Administration (NOAA) Administrator Dr. Kathryn Sullivan says, "No matter what you see out your living room window or off of your back porch, you are first and foremost a citizen of the planet—and a citizen of an ocean planet." With that in mind, a year ago today we launched #EarthIsBlue to bring you incredible images and videos of America's underwater treasures.

Film Synopses



Program 2 Continued



PROTECTING THE GREAT LAKES

3 MIN

Five intrepid paddlers set out on a non-stop journey across Lake Michigan on stand-up paddle boards. They banded together to bring awareness to conservation issues facing the Great Lakes, and took on this herculean challenge for charity. Plus: stay tuned afterwards for a **SPECIAL ANNOUNCEMENT**.



THE EDMUND FITZGERALD:

A 40-YEAR LEGEND*

COREY ADKINS & KEVIN ESSEBAGGERS

30 MIN

There are many theories about what sent the *Edmund Fitzgerald* and 29 men to the bottom of Lake Superior on November 10, 1975. None of them matter much now to the families and mariners who lost fathers, sons, brothers and friends. We learn more about the men lost, the storm that doomed the ship, and the harrowing effort to find survivors. Using rarely heard recordings from that night, experience the gut-wrenching decisions made by other captains, and see where the legend stands 40 years later.

9:00 AM Program 3

SATURDAY, JANUARY 30



EARTH IS BLUE: YOUR NATIONAL MARINE SANCTUARY SYSTEM

DAVID J. RUCK*

3 MIN

When astronauts first launched toward the moon and looked back at our planet for the first time, they made an unexpected discovery: Earth Is Blue. Working with communities around the country, NOAA's Office of National Marine Sanctuaries is making a difference for the sake of our blue planet.

Film Synopses



Program 3 Continued



OF WHALE AND MEN

SKYLER THOMAS

7 MIN

This close encounter with humpback whales may have you asking yourself if we can learn something from these magnificent mammals.



LA NUIT DES GEANTS (NIGHT OF THE GIANTS)

RENÉ HEUZEY, DANIEL JOUANNET

6 MIN

Superb cinematography and lighting, complemented by a soaring soprano voice, create a cathedral-like world for the whale sharks that move through this enchanting film.



OUR DEEPEST WATERS: EXPLORING MARINE NATIONAL MONUMENTS IN THE REMOTE REACHES OF THE PACIFIC

STEPHANI GORDON

20 MIN

In 2009 the U.S. Government established three National Marine Monuments in the Pacific, protecting 192,000 square miles of ocean habitat. These remote monuments serve as baselines for healthy, intact ecosystems, and hold many secrets. Studying them may help us better understand the problems we have created in our oceans.



Film Synopses



Program 3 Continued



MÉXICO PELÁGICO (PELAGIC MEXICO)

JERONIMO PRIETO

69 MIN

While chasing a sardine bait ball near Baja California, a film crew encounters a group of shark fishermen. The filmmakers change their focus to make a movie about the wealth of Mexico's marine life and the need to ensure sustainable livelihoods for the shark fishermen while preserving the delicate ecosystem.



11:30 PM Program 4

SATURDAY, JANUARY 30



Join filmmakers for an interactive discussion!
See Pages 36-38 for Filmmaker Bios

1:00 PM Program 5

SATURDAY, JANUARY 30



DIVING THUNDER BAY: RICH HISTORY IN SHALLOW WATERS*

DAVID J. RUCK

2 MIN

Ever wonder what lies beneath the treacherous waters of the Great Lakes? Fire, ice, collisions, and storms have claimed over 200 vessels in and around Thunder Bay. Watch as NOAA divers prepare to film shipwrecks in the newly expanded Thunder Bay National Marine Sanctuary.



Film Synopses



Program 5 Continued



THE MAKING OF THE *MISS MARGY** COREY ADKINS & KEVIN ESSEBAGGERS 26 MIN

Shepler's Mackinac Island Ferry has been taking visitors to Mackinac Island for 70 years. In 2015, they did something without precedent. The Shepler family needed to add to their ferry fleet, and wanted to have all the work done in Michigan. So they did. The Making of the *Miss Margy* chronicles the decision to hire Moran Iron Works to build the new boat, keeping more than \$3.8 million in the northern Michigan economy.



GRAVEYARD OF THE GREAT LAKES: A SHIPWRECK HUNTER'S QUEST TO DISCOVER THE PAST*

50 MIN

Great Lakes historians say up to 10,000 shipwrecks are at the bottom and they are full of history. 75-year-old shipwreck hunter David Trotter has spent half his life hunting for them, exploring and telling their stories. This documentary is about three of the many shipwrecks he has found on Lake Huron. You'll learn about the life and death struggle aboard for the sailors, the heroic connection to the past and the story of a lone survivor.

Film Synopses



GUARDING THE PAST FOR THE FUTURE: A WRECK HUNTER'S EVOLUTION

DAVID J. RUCK*

8 MIN

Frozen in time, many of the world's best preserved shipwrecks lie in the Great Lakes' cold, fresh water. Steve Kroll, a wreck diver and retired teacher, has been diving the wrecks located in and around the treacherous waters of Thunder Bay, since the 1970's. When NOAA proposed establishing Thunder Bay as a national marine sanctuary in the late 1990's, people like Steve met the idea with strong opposition. This is Steve's journey of discovery.

3:00 PM Program 6

SATURDAY, JANUARY 30



EARTH IS BLUE: YOUR NATIONAL MARINE SANCTUARY SYSTEM

DAVID J. RUCK*

3 MIN

When astronauts first launched toward the moon and looked back at our planet for the first time, they made an unexpected discovery: Earth Is Blue. Working with communities around the country, NOAA's Office of National Marine Sanctuaries is making a difference for the sake of our blue planet.



SEA LEGEND

ANDREAS ROTH

5 MIN

This film is a strong and poetic reminder that we can save the world's oceans, if we are willing to protect what we love.



Film Synopses



Program 6 Continued



THE REEF

JESSICA HAMEL

10 MIN

On the remote atoll of Ulithi in Micronesia, the reefs are changing. Faced with a declining fish population and increasing levels of invasive cabbage coral, the community works to revitalize the reefs by collaborating and rediscovering traditional fishing management in an attempt to ward off having to relocate.



LOST GEAR

KEN FISHER

8 MIN

Scenic and enterprising, this Northern California community is taking ocean conservation into its own hands. Lost Gear documents SeaDoc's Fishing Gear Recovery Project, where abandoned crab pots, a hazard to wildlife, are retrieved and sold back to fishermen. See how this community is making sustainable fishing and marine protection a way of life.



MUSSEL MAN

ELVIS METCALF

17 MIN

Though California has lost its largest shellfish farm, there remains one open-water, offshore mussel farm in the Santa Barbara Channel. Its owner is working hard to overcome uninformed government regulation and provide a cleaner and sustainable source of popular animal protein.



Film Synopses



Program 6 Continued



CALL OF THE LAKES

BOB THEINER *

10 MIN

What is the most vivid thing that comes to mind about that fishing experience? Asks this film that captures a rare glimpse into the history of commercial fishing in and around Alpena. Firsthand stories from local watermen are combined with historic footage to make this movie a one-of-a-kind look at a vanishing art and industry upon the Great Lakes.



BIG BROWNIE: THE O'FISH'AL STORY

MADLAWMEDIA*

35 MIN

Big Brownie: The O'fish'al Story follows the forty year run of the Michigan Brown Trout Festival, the country's longest running blue water fishing festival. The documentary explores the obstacles the festival, the fishermen, and the community overcome to keep a festival running whose namesake is on the brink of extinction.

6:00 PM Program 7

SATURDAY, JANUARY 30



POWER AND FRAGILITY: AN ASTRONAUT'S VIEW OF EARTH

DAVID J. RUCK*

4 MIN

As National Oceanic and Atmospheric Administration (NOAA) Administrator Dr. Kathryn Sullivan says, "No matter what you see out your living room window or off of your back porch, you are first and foremost a citizen of the planet—and a citizen of an ocean planet." With that in mind, a year ago today we launched #EarthIsBlue to bring you incredible images and videos of America's underwater treasures.

Film Synopses



Program 7 Continued



SWEET SEA BREEZE

THOMAS HESSMANN

20 MIN

Between verbal clashes and blackmailing brinksmanship, a crusty old landlocked sea captain and his soccer-rowdy caregiver share their passions, lives and dreams. The command, "Bring me the sea!" must now become the youth's anthem.



PROJECT SHIPHUNT

THUNDER BAY NATIONAL MARINE SANCTUARY
10 MIN

Join Dr. James Delgado and five high-school students from Saginaw as they use state-of-the-art technology to search for a lost ship in Lake Huron's infamous 'Shipwreck Alley.' Teaming up with the world's leading oceanographic researchers, these students go looking for shipwrecks, and find much more.



MARS THE MAGNIFICENT

DEEP SEA PRODUCTIONS*

45 MIN

A film about the exploration of the largest wooden shipwreck ever found in the Baltic Sea: *Mars Makalös* (*Mars Matchless*). This ship was built in Sweden in 1563 and sunk in a battle a year later by a combined fleet from Denmark and the city-state of Lübeck. This battle is considered the first "modern" naval battle, since it introduced an increased use of artillery at sea. This battle also marks the importance of naval warfare in the formation of nation states in modern Europe.

Film Synopses



9:00 AM Program 8

SUNDAY, JANUARY 31



POWER AND FRAGILITY:

AN ASTRONAUT'S VIEW OF EARTH

DAVID J. RUCK*

4 MIN

As National Oceanic and Atmospheric Administration (NOAA) Administrator Dr. Kathryn Sullivan says, "No matter what you see out your living room window or off of your back porch, you are first and foremost a citizen of the planet—and a citizen of an ocean planet." With that in mind, a year ago today we launched #EarthIsBlue to bring you incredible images and videos of America's underwater treasures.



POWER OF MAVERICKS

WEST SIDE FUN

5 MIN

The documentary follows the life of organizers and the surfers, as they prepare for the Mavericks Invitational. The spiritual side of the place is kept alive by Greg Long. Mavericks has rules. Mavericks has claimed lives. You have to be prepared, physically and mentally. There are sharks out there to add drama to the whole story.



Film Synopses



Program 8 Continued



TIERRA DE PATAGONES

(LAND OF PATAGONES)

JULIAN AZULAY AND JOAQUIN AZULAY

76 MIN

Two brothers surf the most isolated and unexplored parts of Southern Argentina and its islands such as Isla de los Estados (Staten Island) and Penguin Island. Over six months, they discover new waves and make friends with the fishermen and gauchos who thrive in this rugged land.



INTO THE MIND OF GREG LONG

PATRICK TREFZ

5 MIN

Watching surfers on huge waves, you have no idea what they did to get themselves to that point. Professional big wave surfer Greg Long reveals his thoughtful physical and mental preparation for riding those waves. Big wave surfing is not a reckless act, but a calculated endeavor.



DUCT TAPE SURFING

MARK TIPPLE

5 MIN

When a momentary lapse in attention makes you a paraplegic, but you still have dreams of surfing, what would you do? What could you do? Who would help you?

Film Synopses



11:00 AM Program 9

SUNDAY, JANUARY 31



MATE ROV COMPETITION

DAVID J. RUCK*

3 MIN

Thunder Bay National Marine Sanctuary helps regional schools participate in the MATE ROV Competition. Check out our video to learn how building submersibles helps students get a leg up on the competition for complex jobs in marine industries from science and exploration to search and recovery -- plus, it's pretty fun!



MILES FROM HOME

STOCKBRIDGE HIGH SCHOOL*

3 MIN

Miles from Home, is a short film about the Stockbridge Robotics Team's travels and adventures in Palau. The film was directed, edited and produced by Stockbridge High School students Madelyn Armstrong, Jake Chapman and William "Sam" Nichols. This short film placed third in the 2015 San Francisco International Ocean Film Festival's Student Film Competition.

#WATERIS

Student Films: Come check out the short film finalists for this year's Student Film Competition. All films address what **#WATERIS** to 6th-12th graders. Support these students and their passion for film and the environment by attending this FREE event.

Film Synopses



1:00 PM Program 10

SUNDAY, JANUARY 31



POWER AND FRAGILITY: AN ASTRONAUT'S VIEW OF EARTH

DAVID J. RUCK*

4 MIN



As National Oceanic and Atmospheric Administration (NOAA) Administrator Dr. Kathryn Sullivan says, "No matter what you see out your living room window or off of your back porch, you are first and foremost a citizen of the planet—and a citizen of an ocean planet." With that in mind, a year ago today we launched #EarthIsBlue to bring you incredible images and videos of America's underwater treasures.



DEEP LOOK - THE AMAZING LIFE OF SAND

JOSH CASSIDY

2 MIN



If you scooped up a handful of sand from every beach, you'd have a history of the world sifting through your fingers. From mountain boulders to the shells of tiny ocean creatures, follow the journey that sand takes through thousands of years across entire continents to wind up stuck between your toes.

Film Synopses



Program 10 Continued



SECRET SEYCHELLES: D'ARROS

CAROLINE BRETT

52 MIN



D'Arros Island, a thousand miles east of Africa, is the site of intense scientific research and careful restoration in order to qualify as a Designated Marine Area along with Saint Joseph Atoll and Aldabar Island, a World Heritage Site. From giant tortoises to frigate birds to native vegetation, this small speck of land is the scene of a great conservation triumph.



CORALAX

TAYLOR REDMAN, KAWELU HIGASHINO,
KAYA GOOSBY, TROY LAU

7 MIN



What happens when coastline construction & development continues unfettered? It's bad for reefs and all its inhabitants, as shown in this clever, student-made claymation film inspired by Dr. Seuss's *The Lorax*.



THE WATERSHED

ELISE HUGUS

16 MIN



"Mom, it smells!" No wonder, when septic tank outflow causes algae blooms in your swimming pond and a nearby river. Led by local Native Americans, a program that uses the filtering power of clams aims to clean up the foul mess—if heedless development doesn't stymie their efforts.

Film Synopses



Program 10 Continued



THE BEAUTY OF MANGROVE FORESTS

DENNIS ZAIDI

2 MIN

Three-quarters of the world's tropical fish (including some sharks) are born in mangrove forests, where they are better protected from floods and rising seas than anything humans have dreamed up. Yet half the world's mangrove forests are gone. It's time more people knew about it. This short, beautiful film is a start.



LEARNING TO FLOAT

BRENDAN CALDER

20 MIN

A 280-pound, 12-year-old African-American boy from gang-plagued South Central Los Angeles and a 60-year-old white surfer dude discover through their love of surfing a mutual need—one for a mentor and father, the other for a son he never had.



A RARE SEA SNAIL THAT COULD HELP FIGHT CANCER

LINDSEY HOSHAU

4 MIN

Scientific sleuths discover that a marine mollusk's rare blood protein may indeed be a "key" to the treatment of cancers and autoimmune diseases. Giant keyhole limpets manufacture hemocyanin, whose potential as a cancer vaccine, and in treating diseases like Alzheimer's, may, ironically, drive it toward extinction.

Film Synopses



3:00 PM Program 11

SUNDAY, JANUARY 31



POWER AND FRAGILITY: AN ASTRONAUT'S VIEW OF EARTH

DAVID J. RUCK*

4 MIN

As National Oceanic and Atmospheric Administration (NOAA) Administrator Dr. Kathryn Sullivan says, "No matter what you see out your living room window or off of your back porch, you are first and foremost a citizen of the planet—and a citizen of an ocean planet." With that in mind, a year ago today we launched #EarthIsBlue to bring you incredible images and videos of America's underwater treasures.



BAG IT THE MOVIE: IS YOUR LIFE TOO PLASTIC?

JEB BERRIER

45 MIN

This American documentary film exposes the effects of plastic bags and other plastic consumer merchandise, and its effects on land ecosystems, the marine environment, and wildlife. It also highlights ways we can help to reduce these impacts. It has received awards from the Blue Oceans Film Festival, the Flagstaff Mountain Film Festival, and the Ashland Independent Film Festival.



NET POSITIVA

PETER CAMBOR, IAN MCGEE

11 MIN

A trio of friends from Southern California head to the wild coastline of Chile on an aspiring quest to turn the negative—and inevitable—impact of discarded plastic fishing nets into something positive for the environment and the locals.

Film Synopses

Program 11 Continued



GYRE: CREATING ART FROM A PLASTIC OCEAN

JJ KELLEY

23 MIN

A team of scientists and artists troll Alaska's coast collecting marine debris that has washed ashore. By creating art from the trash and building a traveling expedition, they hope to bring awareness of this pervasive pollution to a wider audience.



156 / lighters

THE BIG PICK

BYRONY STOKES

6 MIN

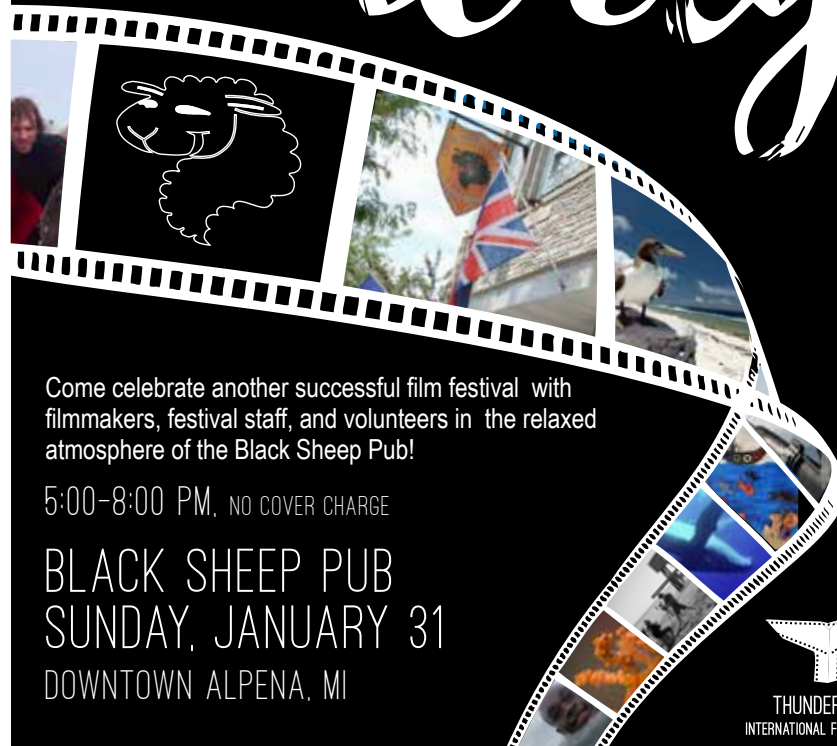
A big beach cleanup in a small cove on the coast of Cornwall in England yields more marine debris than one could imagine. In a matter of three hours, a group attempts every month to remove all the plastic on this beach, and determine what to do with it.



PANEL DISCUSSION WILL FOLLOW FILMS

Learn more about how plastic impacts our oceans and Great Lakes in this film series, and see how artists and activists change public perception about plastic through art in the films. Afterwards, students, educators, and community partners will connect the audience to how they locally raise awareness and research this issue while helping keep plastic out of our Great Lakes.

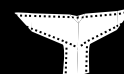
Wraps Party



Come celebrate another successful film festival with filmmakers, festival staff, and volunteers in the relaxed atmosphere of the Black Sheep Pub!

5:00-8:00 PM, NO COVER CHARGE

BLACK SHEEP PUB
SUNDAY, JANUARY 31
DOWNTOWN ALPENA, MI



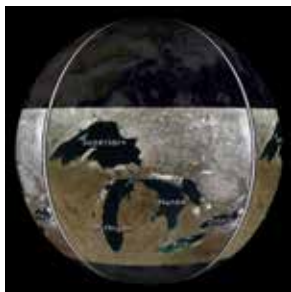
THUNDER BAY
INTERNATIONAL FILM FESTIVAL

Science on a Sphere®



PLEASE ENTER ANYTIME, BENCH SEATING ALONG WALLS

Docent led programs and brand new featured data-sets throughout the festival!



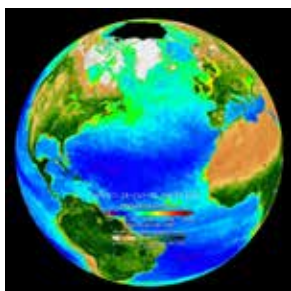
THE STATE OF OUR LAKES

Freshwater lakes are a valuable resource that provide an important sense of place to people and communities. Data from buoys and satellites show that surface waters of the world's lakes are warming, with the effects causing challenges to lake ecosystems. Furthermore, surface waters of deeper lakes show the greatest warming. Learn more about the State of our Lakes in this 5 minute movie for SOS video featuring results from a recent NASA study and data from NOAA buoy's and satellites.



AND BACK BY POPULAR DEMAND

In ancient civilizations, people pondered the meanings of the stars, watching for clues to their survival: the beginning of planting and harvesting times, the seasons, and even portents of danger. They soon noticed that certain stars didn't stay in place, but wandered amongst the fixed star field. Later astronomers and philosophers soon recognized that these were worlds in their own right, orbiting the Sun in a cosmic dance. Join us as we take you on a tour of the Solar System, and learn about The Wanderers.



CLIMATE CHANGE: THE CHANGING OF THE OCEANS AND THE RISING SEA LEVEL

In this program for Science on a Sphere, the changing of the oceans show the global impact of climate change. From the heating of the ocean via greenhouse gases to the destruction of crucial life forms caused by ocean acidification, the issue is becoming worse, fast. Heating oceans also means expanding oceans, caused by glacier melt and the transfer of melt water to the oceans, attributing to rising sea levels. There is human contribution to each of these factors leading to our changing oceans.

FREE KIDS DAY

AT GREAT LAKES MARITIME HERITAGE CENTER
500 WEST FLETCHER STREET, ALPENA

GREAT KIDS, GREAT FILMS

10:00AM-3:00PM

SUNDAY, JANUARY 31

Looking for some FREE family fun during the film festival?
Join us for films, crafts, and activities!
Stay for a minute or stay for the day.
Designed for ages 10 and under but all are welcome!

THUNDER BAY INTERNATIONAL FILM FESTIVAL

2ND STUDENT FILM COMPETITION

#BIODIVERSITY

Open to students in grades 6th – 12th.
Submit a short water-related film, 10 minutes or less. No entry fee. Selected films will be shown at the festival.

For more information, please visit
<http://www.nemiglsi.org>

SAVE THE DATE
JANUARY 2017

Filmmakers



COREY ADKINS

EDITOR & PRODUCER

The Edmund Fitzgerald: A 40-year Legend
Making of Miss Margy

Corey Adkins is a multiple Emmy Award winning Photojournalist and Field producer for 9&10 News, the CBS television affiliate in northern Michigan. He has directed, produced, filmed and edited over a dozen award winning television programs that involved Great Lakes Maritime, Military Veterans, Aviation, Rock Bands, Nature and health subjects. He has also been recognized by the Associated Press, Michigan Association of Broadcasters and the RTNDA Edward R. Murrow awards.



MALCOLM DIXELIUS

CINEMATOGRAPHER & PRODUCER

Mars the Magnificent

Malcolm Dixelius has spent more than 40 years in television, starting as a reporter and international correspondent. Since 1993 he is an independent director/producer of documentary films, having worked on more than two dozen documentary film projects, winning awards and international acclaim for CCCP Hockey (2004), The Laser Man (2006), Women with Cows (2011), A Bitter Taste of Freedom (2011) and others. As of 2015, Malcolm is a consultant and project manager with Deep Sea Productions, a company specializing in maritime history. He was recently elected to the Program Committee for the World Congress of Science and Factual Producers.



KEVIN ESSEBAGGERS

EDITOR & PRODUCER

The Edmund Fitzgerald: A 40-year Legend
Making of Miss Margy

Kevin Essebaggers is an Emmy Award winning anchor and reporter for 9&10 News, the CBS television affiliate in northern Michigan. He has written, produced and hosted several award winning television programs involving military veterans and Great Lakes maritime stories. In addition to be recognized by the National Academy of Television Arts & Sciences Michigan Chapter, Kevin has gained recognition from the Michigan Association of Broadcasters, The Associated Press, and the RTNDA Edward R. Murrow Awards.

Filmmakers



ELIZABETH KAISER

EDITOR & PRODUCER

Big Brownie: The O'Fish'al Story

A ten year veteran of taking many tiny pieces and weaving them into a concise whole, Elizabeth is a video editor, motion graphics designer, and producer currently based in Savannah, Georgia. Her true passion lies primarily in documentary filmmaking, as seen in *A Few Things About Cancer* (2014, Best Documentary Short, LA First Glance Film Festival), *Big Brownie: The O'fish'al Story* (2015, Official Selection, Green Bay Film Festival), *Through the Windmill* (2016), and *Love, Sweat and Tears* (2016). Elizabeth and her husband Kyle run a digital media production company called MADLAWMEDIA.



KYLE MADDUX-LAWRENCE

DIRECTOR AND DIRECTOR OF PHOTOGRAPHY

Big Brownie: The O'Fish'al Story

Since discovering his love of cinematography, Kyle's passion and vision is apparent in all projects to which he contributes, *Small Town, Big Heart* (2014, Official Selection, Thunder Bay International Film Festival), *Big Brownie: The O'fish'al Story* (2015, Official Selection, Green Bay Film Festival), *A Few Things About Cancer* (2014, Best Documentary Short, LA First Glance Film Festival) just to name a few. Kyle's work is not limited to documentary. Kyle has also worked on independent films such as *Law of Lunaticity* (2013), *Childhood Mammaries* (2014) and *The Miki Howard Story* (2015).



RIC MIXTER

CINEMATOGRAPHER & PRODUCER

Cutter Rescues

Millions of television viewers recognize Ric Mixer as a shipwreck researcher, diving over 100 shipwrecks in the Great Lakes, including the *Edmund Fitzgerald*. He has produced over 30 programs for PBS and the Outdoor Channel, and appeared as a shipwreck expert on the History and Discovery Channels. Ric served as SCUBA cameraman on underwater expeditions to the Great Lakes largest shipwrecks, the *Edmund Fitzgerald* and *Carl D. Bradley*. Today he runs his own production company, Airworthy Productions.

Filmmakers



DAVID J. RUCK

DOCUMENTARY FILMMAKER, NOAA'S OFFICE OF NATIONAL MARINE SANCTUARIES

Earth Is Blue, Power and Fragility: An Astronaut's View of Earth, MATE ROV Competition, Diving Thunder Bay and A Wreck Hunters Evolution

David has been involved with numerous documentary and feature film productions. He holds an MFA from American University in Film & Electronic Media, is a certified NOAA Diver and professional underwater cinematographer, educator, public speaker, and outdoor enthusiast. He is also the first filmmaker to ever have a film premiere in space. David has filmed Maoists in the Himalayas of Nepal, rocket launches at Kennedy Space Center, documented the polluting practices of a nefarious chemical company, and dove on what is potentially the oldest shipwreck in the Great Lakes with an international team of archaeologists.



ERIC SEALS

PHOTOJOURNALIST & VIDEOGRAPHER

Graveyard of the Great Lakes: A Shipwreck Hunter's Quest to Discover the Past

A photojournalist for the Detroit Free Press, Eric Seals has covered many assignments around the world from the Intifadas in Israel/Palestine, 5 months covering the war in Iraq, various U.S. presidential campaigns & many professional sporting events. In early 2015 Seals finished his first long form documentary, "Graveyard of the Great Lakes: A Shipwreck Hunter's Quest to Discover the Past" and has been invited to screen it at film festivals around the U.S and to various shipwreck and dive conventions and seminars.

SHOWING IN THE SANCTUARY EDUCATION ROOM BESSER MUSEUM SHOWCASE

The sanctuary is proud to welcome the Besser Museum for Northeast Michigan to the Thunder Bay International Film Festival! On Saturday, January 30 from 10:00 - 3:00 pm, Besser educators will be screening the film "Destino" at the Great Lakes Maritime Heritage Center classroom... for FREE!

Join them as they discuss the unique Walt Disney and Salvador Dalí cinematic collaboration and share info about the Besser's new Dalí exhibit opening on February 5!



Destino

WALT DISNEY & SALVADOR DALÍ

6 MIN

This short film follows the love story of Chronos and the ill-fated love he has for a mortal woman named Dahlia. The story continues as Dahlia dances through surreal scenery inspired by Dalí's paintings. The movie is without dialogue, but the soundtrack includes music by the Mexican composer Armando Dominguez.

EXPLORE THE NEW EXHIBIT AT THE BESSER MUSEUM OPENING ON FEBRUARY 5TH



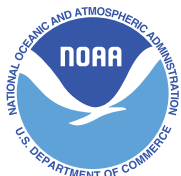
REGULAR ADMISSION

The Besser Museum will be exhibiting all 41 Salvador Dalí pieces from the museum's collections.



BESSER
MUSEUM
for Northeast Michigan
ART • HISTORY • SCIENCE

Thank You Sponsors!



Thank You Sponsors!



The Friends of the Thunder Bay National Marine Sanctuary would like to thank Meijer for their generous donation of \$25,000. This gift has helped us upgrade our theater and provide support for our engaging education programs for area students.



Individual and corporate donations have allowed us to not only host world-class cultural events like the Thunder Bay International Film Festival, but also enable us to reach more students and citizens with programs throughout the year. We expect to reach over 100,000 people at the Great Lakes Maritime Heritage Center in 2016.

Can you or your business help us reach even higher?

Contact friends@thunderbayfriends.org or 989-356-8805 x10 to find out more.

Who are the Friends?

Established in October 2010, the Friends of Thunder Bay National Marine Sanctuary support the mission of the sanctuary -- to identify, protect, conserve, and enhance the natural and maritime heritage resources, values, and qualities of the National Marine Sanctuary system for this and future generations throughout the nation.

The Friends of Thunder Bay is supported by generous donations from individual, corporate, and foundation donors as well as earned income from Sanctuary Store sales and special programs such as this film festival.

Interested in becoming a Friend? Please contact

Cathy Green at 989-356-8805, ext. 10 or cathy.green@noaa.gov



Proceeds benefit the Friends of Thunder Bay NMS
www.thunderbayfriends.org

National Marine Sanctuaries
National Oceanic & Atmospheric Administration



THUNDER BAY NATIONAL MARINE SANCTUARY

The Great Lakes Maritime Heritage Center



EXCITING EXHIBITS

Explore the *Shipwreck Century* and experience the maritime history, shipwrecks, and archaeology of the Great Lakes.

Diving ■ Snorkeling ■ Kayaking
Glassbottom Boat

FREE ADMISSION

Great Lakes Maritime Heritage Center
500 West Fletcher Street ■ Alpena, MI 49707
Please call 989.356.8805 for more information

OPEN ALL YEAR!

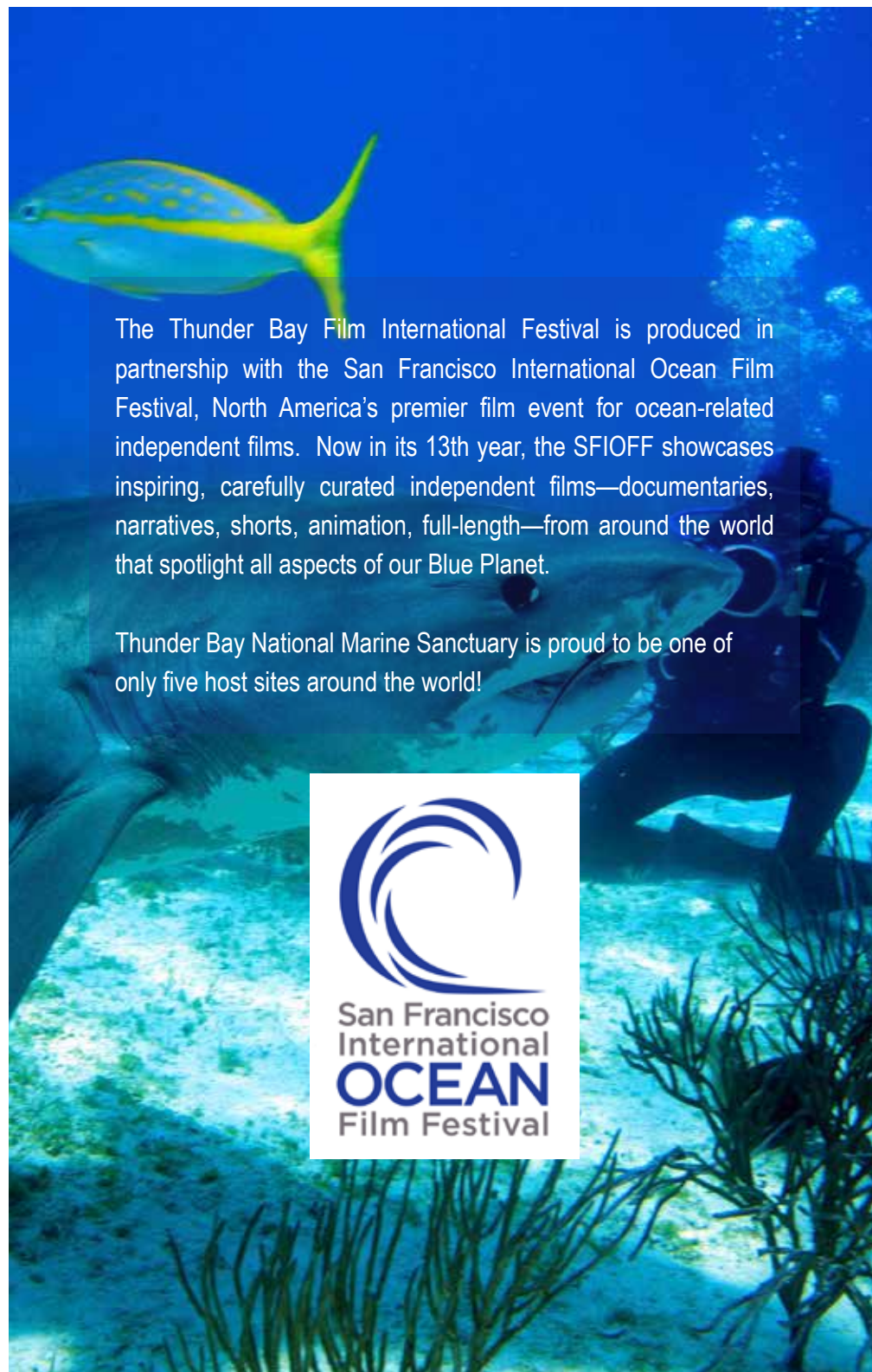
Check our online calendar for seasonal hours

THUNDERBAY.NOAA.GOV

The Sanctuary Store 10% OFF

any regularly priced item, when you bring in your Thunder Bay International Film Festival Program

Offer excludes food and/or beverage purchases.
Offer expires February 28, 2016. Coupon not redeemable for cash.



The Thunder Bay Film International Festival is produced in partnership with the San Francisco International Ocean Film Festival, North America's premier film event for ocean-related independent films. Now in its 13th year, the SFIOFF showcases inspiring, carefully curated independent films—documentaries, narratives, shorts, animation, full-length—from around the world that spotlight all aspects of our Blue Planet.

Thunder Bay National Marine Sanctuary is proud to be one of only five host sites around the world!



2016 FESTIVAL AT A GLANCE

THURSDAY, JAN. 28, 2016

SHARK NIGHT at THUNDER BAY THEATRE

6:00 pm - \$10.00

Earth is Blue* (3 min)

After the Storm: A Shark's Tail (11 min)

Sanctuary in the Sea:

A Gulf of the Farallones Experience (18 min)

Shark Girl (58 min)

FRIDAY, JAN. 29, 2016

SANCTUARY THEATER - **\$30.00**

6:00 - Opening Reception

7:00 - Opening Night Films

Earth is Blue* (3 min)

Deep Look - Pygmy Seahorses:

Masters of Camouflage (2 min)

The Odd Couple (5 min)

June Gloom (4 min)

Cutter Rescues* (30 min)

INTERMISSION

Power and Fragility:

An Astronaut's View of Earth* (4 min)

Protecting Our Great Lakes* (3 min)

The *Edmund Fitzgerald*: A 40-year Legend* (30 min)

SATURDAY, JAN. 30, 2016

SANCTUARY THEATER - **\$6.00**

9:00 am

Earth is Blue* (3 min)

Of Whale and Men (7 min)

La Nuit Des Géants (The Night of Giants) (6 min)

Our Deepest Waters (20 min)

México Pelágico (Pelagic Mexico) (69 min)

11:30 am - FREE

Filmmakers' Panel: Filmmakers' Q & A

1:00 pm \$6.00

Diving Thunder Bay:

Rich History in Shallow Waters* (2 min)

The Making of the *Miss Margy** (26 min)

Graveyard of the Great Lakes: A Shipwreck

Hunter's Quest to Discover the Past* (50 min)

Guarding the Past for the Future

A Wreck Hunter's Evolution* (8 min)

3:00 pm - \$6.00

Earth is Blue* (3 min)

Sea Legend (5 min)

The Reef (10 min)

Lost Gear (8 min)

Mussel Man (17 min)

Call of the Lakes (10 min)

Big Brownie: The O'fish'al Story* (35 min)

Panel discussion will follow this Program

6:00 pm - \$6.00

Power and Fragility:

An Astronaut's View of Earth* (4 min)

Sweet Sea Breeze (20 min)

Project Shiphunt:

Discovering the *M.F. Merrick* (6 min)

Mars the Magnificent* (45 min)

9:00 am - \$6.00

Power and Fragility:

An Astronaut's View of Earth* (4 min)

Power of Mavericks (5 min)

Tierra de Patagones (Land of Patagones) (76 min)

Into the Mind of Greg Long (5 min)

Duct Tape Surfing (5 min)

SUNDAY, JAN. 31, 2016

SANCTUARY THEATER

11:00 am - FREE

Student Films: Come check out the short film finalists for this year's Student Film Competition.

All films address what **#WATERIS** to 6th-12th graders. Support these students and their passion for film and the environment by attending this FREE event.

1:00 pm - \$6.00

Power and Fragility:

An Astronaut's View of Earth* (4 min)

Deep Look - The Amazing Life of Sand (2 min)

Secret Seychelles: D'Arros (52 min)

Coralax (7 min)

The Watershed (16 min)

The Beauty of Mangrove Forests (2 min)

Learning to Float (20 min)

A Rare Sea Snail That Could Help Fight Cancer (4 min)

3:00 pm - \$6.00

Power and Fragility:

An Astronaut's View of Earth* (4 min)

Bag It: Is Your Life Too Plastic (45 min)

Net Positiva (11 min)

Gyre: Creating Art From a Plastic Ocean (23 min)

The Big Pick (6 min)

Panel discussion will follow this Program

*Filmmaker is expected for Q & A